

12-05-01.

PATENT

Attorney Docket No.: FORS-06479

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Box Patent Application**  
 Assistant Commissioner For Patents  
 Washington, D.C. 20231

11011 U.S. PRO  
 110/002251  
 10/26/01

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of Raymond F. Cracauer for Nucleic Acid Synthesizers.

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service on this date **October 26, 2001** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EL 790 816 244** US addressed to **Box Patent Application**, Assistant Commissioner For Patents, Washington, D.C. 20231.

*Susan M. McClintock*  
 Susan M. McClintock

**1. Type Of Application**

This new application is for a(n)

- Original (nonprovisional)  
 Continuation-In-Part (C-I-P).

**2. Benefit Of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)**

- The new application being transmitted claims the benefit of prior U.S. application(s) and enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

**3. Papers Enclosed That Are Required For Filing Date Under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153****(Design) Application**

- 81 Pages of Specification  
 5 Pages of Claims  
 1 Page of Abstract  
 24 Sheets of Formal Drawings

**4. Declaration**

- Enclosed  
 Unexecuted.

**5. Inventorship Statement**

The inventorship for all the claims in this application is:

- the same

**6. Language**

- English

**7. Assignment**

- An unexecuted assignment of the invention to **Third Wave Technologies, Inc.** is attached.  
 Form PTO-1595 will follow.

**8. Fee Calculation (37 C.F.R. § 1.16)**

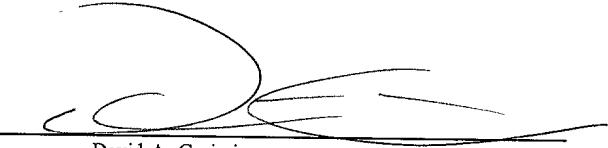
- Regular application

**CLAIMS AS FILED**

Number Filed	Number Extra	Rate	Basic Fee - \$740.00 (37 C.F.R. § 1.16(a))
Total Claims (37 C.F.R. § 1.16(c))	38 - 20 =	18 × \$18.00 =	\$324.00
Independent Claims (37 C.F.R. § 1.16(b))	3 - 3 =	0 × \$84.00 =	\$0.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))		+ \$260.00 =	\$0.00
<b>Filing Fee Calculation</b>			<b>\$1064.00</b>

9. **Small Entity Statement(s)**  
 Verified Statement(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and 1.27.
10. **Fee Payment Being Made At This Time**  
 Enclosed  
 basic filing fee
- |  |                 |
|--|-----------------|
| <b>Filing Fee Calculation (50% of above)</b> | \$532.00        |
| <b>Total Fees Enclosed</b>                   | <b>\$532.00</b> |
11. **Method of Payment of Fees**  
 Check in the amount of \$532.00
12. **Authorization To Charge Additional Fees and Credit Overpayment**  
 The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No.: 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.
13. **Power of Attorney by Assignee**  
 Enclosed (unexecuted)
14. **Return Receipt Postcard**  
 Enclosed

Dated: October 26, 2001

  
David A. Casimir  
Registration No.: 42,395

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- Incorporation By Reference Of Added Pages**  
 Plus Added Pages For New Application Transmittal Where Benefit Of Prior U.S. Application(s)  
Claimed

Number of pages added 1

**ADDED PAGES FOR APPLICATION TRANSMITTAL  
WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED**

**15. Relate Back**

- A. 35 U.S.C. § 119(e)
- B. 35 U.S.C. §§ 120, 121 and 365(c)

Amend the Specification by inserting before the first line the sentence: "This is a Continuation-In-Part of copending application 09/782,702 filed on 2/13/01, which is a Continuation-in-Part of copending application 09/771,332 filed on 1/26/01."

**16. Further Inventorship Statement Where Benefit Of Prior Application(s) Claimed**

- a. This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are  the same.
- b. This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are  the same.

**17. Notification In Parent Application Of This Filing**

- A notification of the filing of this  
 continuation-in-part  
is being filed in the parent application from which this application claims priority under  
35 U.S.C. § 120.